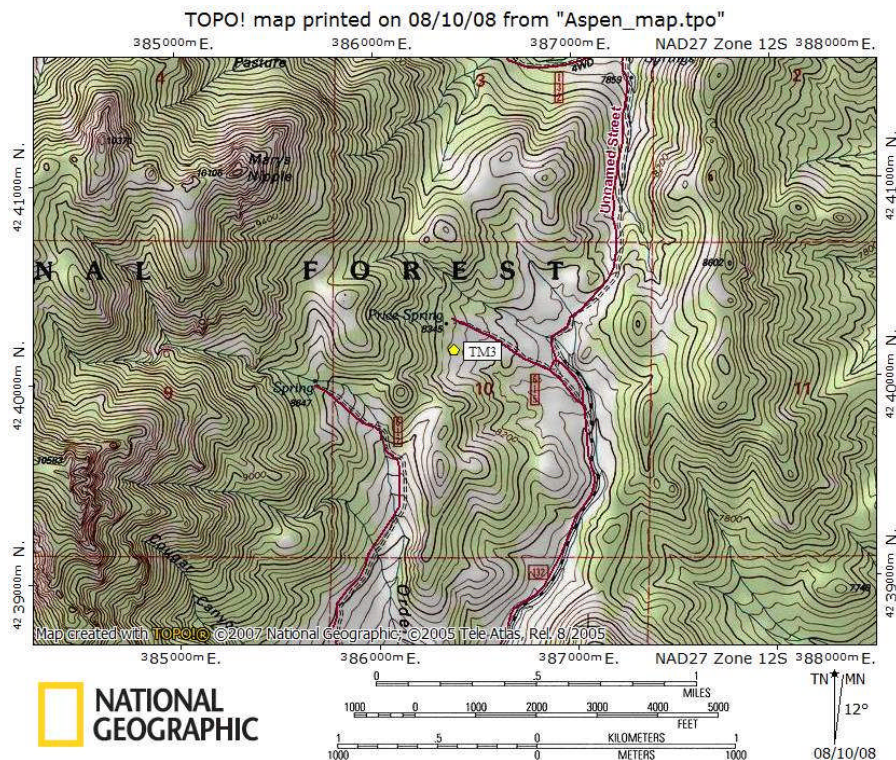


Ten Mile Allotment ASPEN STAND #3 (TM3) Browse and Structure Assessment July 18, 2008

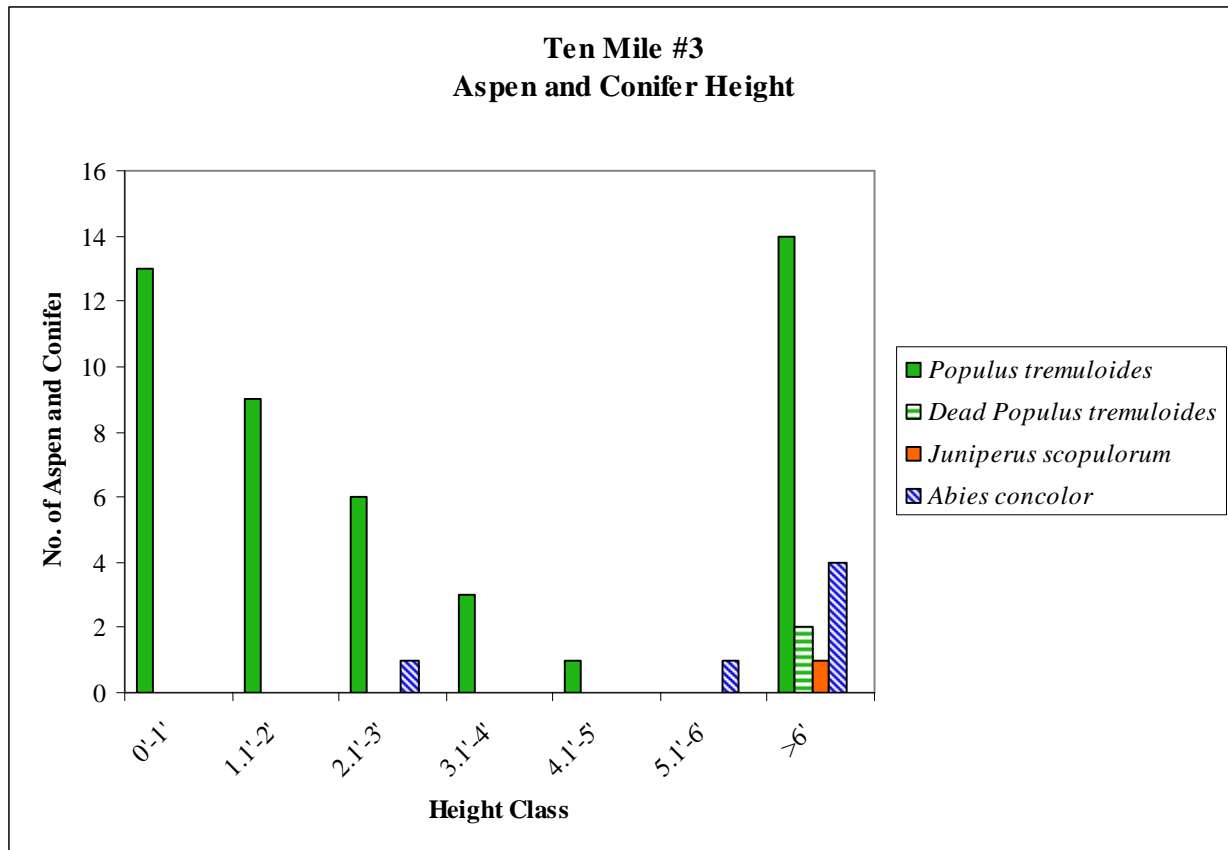
Ten Mile # 3 is located approximately 500' south of Price Spring and the end of Forest Service road 615 in the southeast portion (Price-Cougar Pasture) of Ten Mile Allotment (Fishlake NF). The stand is narrow: 675' long and 250' wide. The west end of the stand merges with another aspen stand higher on the slope. The stand is dominated by tall, mature trees, many of which are senescent (Fig. 1). Young aspen have been repeatedly browsed and the recruitment aspen present are within jackstrawed aspen logs (Fig. 2).

As of July 18th, 43.8% of the leaders and 83.2% of the subleaders were browsed. Cattle are scheduled to be in Wildcat pasture from July 11th until August 4th and cattle were seen in the pasture during the survey. Height classes 4.1'-6' are essentially absent (p. 2). Trees 3.1'-4' average 12 leaders within 6" from the height of the tallest leader (p. 3), indicating repeated browsing and "bushiness."



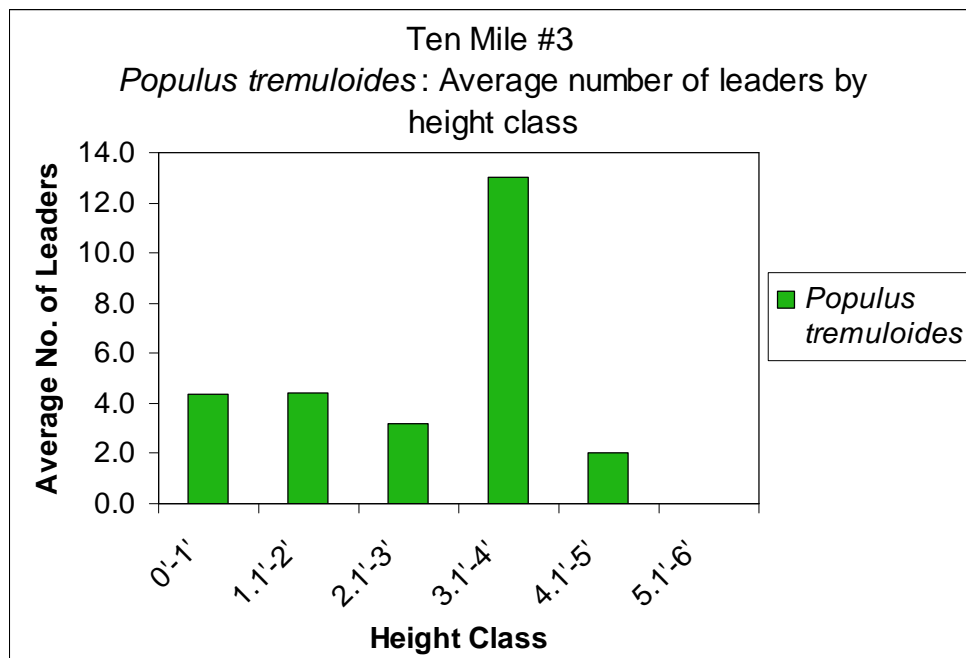
Ten Mile #3 (TM3)	July 18, 2008 Martin/David/O'Brien/Hoskisson
Fishlake NF/Beaver RD	Allotment: Ten Mile Pasture: Price-Cougar
GPS: 12S E 0386397 N 4240152	Elevation: 8,305'

NAD CONUS 27	
Aspect: East	Animal sign: Elk, deer
Dominant vegetation: <i>Artemisia tridentata</i> , Letterman's needlegrass, Rocky Mountain juniper, pinion pine, common juniper, <i>Poa fendleriana</i> , <i>Psuedoregneria spicata</i> , service berry, dandelion, lupine. Sub-dominant: White fir (<i>Abies concolor</i>), Engelmann spruce (<i>Picea engelmannii</i>), Gambel's oak, yellow monkey flower, <i>Astragalus</i> sp., crested wheatgrass.	
Other notes: The stand is a strip of aspen, 250' wide running upslope, west. It merges with another stand running perpendicular near the top of the stand that is also narrow and runs north-south. Aspen deadfall is present in the interior of the stand (Fig. 3). A small creek runs through the stand, which appears to attract cattle. The creek is trampled where not protected by deadfall (Fig. 4). Sagebrush is encroaching into most of the stand. Successful recruitment is only occurring in a few deadfall patches at the west end of the stand where it merges with another stand further up the slope. Much of the ground cover is deadfall, litter and bare ground (Fig. 6, 8)	



14 *Populus tremuloides* Ave. DBH >6': 6.4"
 2 Dead *Populus tremuloides* Ave. DBH >6': 11"
 1 *Juniperus scopulorum* DBH >6': 3.5"
 4 *Abies concolor* Ave. DBH >6': 2.4"

Ten Mile #3	
32 <i>Populus tremuloides</i> <6'	
	<i>Populus tremuloides</i>
% tall leaders browsed	43.8
% tall leaders browsed or dead	43.8
% subleaders browsed	83.2
% subleaders browsed or dead	84.8



Ten Mile #3				
Aspen Stand Structure				
	% cover overstory aspen	% cover recruitment trees	% cover understory trees	% overstory trees senescent
Plot 1	11	12	5	0
Plot 2	45	0	<1	0
Average	28	6	2.75	0
Single-tier stand				



Fig. 1. Mature aspen and encroaching sagebrush. Few understory or recruitment aspen.



Fig. 2. Plot 1: A small patch of recruitment growing in jackstrawed deadfall.



Fig. 3. Plot 2: Numerous dead aspen cover the ground.



Fig. 4. Price Creek flowing through stand is trampled, largely denuded banks.



Fig. 5. Plot 1: Sparse canopy cover.



Fig. 6. Plot 1: Ground cover of bare earth and deadfall aspen.



Fig. 7. Plot 2: Sparse canopy cover.



Fig. 8. Plot 2 ground cover: Sagebrush, bare soil.